

**BIOCOMPATIBLE POLYMERS  
FOR PHARMACEUTICAL DELIVERY SYSTEMS FOR AGENTS**

5

**Abstract of the Disclosure**

Methods, compounds, and medicinal formulations utilizing biocompatible polymers for delivery of a drug, particularly for solubilizing, stabilizing and/or providing sustained release of drug from topical, implantable, and inhalation systems. Many of the methods, compounds, and medicinal formulations are particularly suitable for oral and/or 10 nasal inhalation and use polymers of the formula -[X-R<sup>1</sup>-C(O)]- wherein each R<sup>1</sup> is an independently selected organic group that links the -X- group to the carbonyl group, and each X is independently oxygen, sulfur, or catenary nitrogen.